

In the Claims:

In the Claims, please make the following amendments:

WHAT IS CLAIMED IS:

1. (Previously Presented) An octopeptide peptide comprising a carboxy-terminal sequence of R1 Lys-X1-Val (SEQ. ID NO. 1) where X1 is Phe or DPhe and R1 is His-Phe-Arg-Trp-Gly.
2. (Currently Amended) An octopeptide peptide comprising His-DNleal-Arg-Trp-Gly R2(SEQ. ID NO. 2), where R2 is Lys-Pro-Val.
3. (Currently Amended) An octomeric peptide comprising the sequence His-DNleal-Arg-Trp-Gly-Lys-X1-Val. (SEQ. ID NO. 3) wherein X1 is Phe or DPhe.
4. (Previously Presented) An octomeric peptide comprising R1-Lys-X3-Val (SEQ. ID NO. 4) sequence, wherein Val is the carboxy-terminal amino acid and X3 is an amino acid having a non-polar functional group.
5. (Previously Presented) The octomeric peptide of claim 4 wherein the amino acid having a non-polar functional group may be selected from the group consisting of Gly, Ala, Val, Leu, Ile, Met, Phe, Trp.
6. (Previously Presented) The octomeric peptide of claim 4 wherein the amino acid having a positively charged functional group may be selected from the group consisting of Lys, Arg.

7. (Previously Presented) An octomeric peptide comprising R1-Lys-Pro-X4 (SEQ. ID NO. 5) where X4 is an amino acid having a hydrophobic functional group or a non-polar functional group.
8. (Previously Presented) The octomeric peptide of claim 7 wherein the amino acid having a hydrophobic functional group is selected from the group consisting of Ala, Leu, Ile, Met, Pro.
9. (Previously Presented) The octomeric peptide of claim 7 wherein the amino acid having a non polar functional group is selected from the group consisting of Gly, Ala, Pro, Leu, Ile, Met, Phe, Trp.
10. (Previously Presented) An octomeric peptide comprising R1-X5-Pro-Val (SEQ. ID NO. 6) wherein X5 is an amino acid with a hydrophobic functional group.
11. (Previously Presented) The octomeric peptide of claim 10 wherein the amino acid having a hydrophobic functional group is selected from the group consisting of Ala, Leu, Ile, Met, Pro.
12. (Previously Presented) An octomeric peptide comprising R1-Lys-X6-Val (SEQ. ID NO. 7) wherein X6 is an amino acid having a non-polar or positively charged functional group.
13. (Previously Presented) The octomeric peptide of claim 12 wherein the amino acid having a non-polar amino functional group is selected from the group consisting of Gly, Ala, Val, Leu, Ile, Met, Phe, Trp.

14. (Previously Presented) The octomeric peptide of claim 12 wherein the amino acid having a positively charged functional group is selected from the group consisting of Lys, Arg.
15. (Previously Presented) An octomeric peptide comprising R1-Lys-X7-Val (SEQ. ID NO. 8) wherein X7 is an amino acid having a negatively charged functional group.
16. (Previously Presented) The peptide of claim 15 wherein the amino acid having a negatively charged functional group is selected from the group consisting of Asp, Glu.
17. (Currently Amended) An octomeric peptide comprising an amino acid sequence His-DNleal-Arg-Trp-Gly-Lys-X7-Val (SEQ. ID NO. 9) wherein X1 is Phe or DPhe.
18. (Previously Presented) An octomeric peptide comprising R1-Lys-X8-Val (SEQ. ID NO. 11) wherein X8 is an amino acid having an uncharged polar functional group.
19. (Previously Presented) The octomeric peptide of claim 19 wherein the amino acid having an uncharged polar functional group is selected from the group consisting of Asn, Gln, Ser, Thr.
20. (Currently Amended) An octomeric peptide comprising the sequence His-DNleal-Arg-Trp-Gly-Lys-X8-Val (SEQ. ID NO. 12).